



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/005,084	12/04/2001	Anthony C. Mulligan	03248.00038

22908
BANNER & WITCOFF, LTD.
TEN SOUTH WACKER DRIVE
SUITE 3000
CHICAGO, IL 60606



CONFIRMATION NO. 8565

FORMALITIES LETTER



OC000000007238638

Date Mailed: 12/28/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/05/2002 SMINASS1 00000035 010850 10005084

01 FC:205 65.00 CH

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)


Approved for use through 10/31/2002. OMB 0651-0031

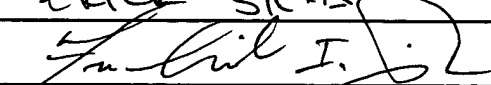
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/005,084	
	Filing Date	December 4, 2001	
	First Named Inventor	MULLIGAN, Anthony C., et al.	
	Group Art Unit	1774	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	17	Attorney Docket Number	003248.00038

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Joint Declaration for Patent Application Certificate of Express Mail Return Receipt Postcard
Remarks The Commissioner is authorized to charge any fees in connection with this correspondence to Deposit Account No. 01-0850. A duplicate of this sheet is enclosed.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Rebecca P. Rokos, Esq. (Registration No. 42,109) Banner & Witcoff, Ltd.
Signature	
Date	February 26, 2002

EXPRESS MAIL NO. EL 941346505 US			
I hereby certify that on February 26, 2002, this correspondence is being deposited with the United States Express Mail Service in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231.			
Typed or printed name	ERICK SILVA		
Signature		Date	February 26, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 105

Complete if Known

Application Number 10/005,084
 Filing Date December 4, 2001
 First Named Inventor MULLIGAN, Anthony C., et al.
 Examiner Name Not yet assigned.
 Group / Art Unit 1774
 Attorney Docket No. 003248.00038

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 01-0850

Deposit Account Name Banner & Witcoff, Ltd.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 0

2. EXTRA CLAIM FEES

Total Claims - ** = Extra Claims X Fee from below = Fee Paid
 Independent Claims - ** = X =
 Multiple Dependent X =

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 105

SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Rebecca P. Rokos Registration No. Attorney/Agent 42,109 Telephone 312-715-1000
 Signature *Rebecca P. Rokos* Date February 26, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Attorney Docket No. 003248.00038

In the Application of:

MULLIGAN, Anthony C., et al.

Serial No. 10/005,084

Filed: December 4, 2001

For: Aligned Composite Structures for Mitigation of
Impact Damage and Resistance to Wear in
Dynamic Environments



)
)
)
) Examiner: Not yet assigned.

)
) Art Unit: 1774
)
)
)

BOX MISSING PARTS
Assistant Commissioner for Patents
Washington DC 20231

RESPONSE TO NOTICE TO FILE
MISSING PARTS OF NON-PROVISIONAL APPLICATION


Sir:

In response to the Notice to File Missing Parts of Non-Provisional Application mailed December 28, 2001, the Applicants hereby submit the enclosed Joint Declaration For Patent Application. A copy of the PTO Notice is also enclosed. Additionally, the fee of \$65.00 is to be charged to Deposit Account No. 01-0850.

Respectfully submitted

BANNER & WITCOFF, LTD.

Dated: February 26, 2002



Rebecca P. Rokos
Registration No. 42,109



**CERTIFICATE OF MAILING
(PATENT)**

Express Mail No. EL 941346505 US

Deposited: February 26, 2002

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box MISSING PARTS, Washington, D.C. 20231.

By: ERICK SILVA

Patent Application of: MULLIGAN, Anthony C., et al.

Title: Aligned Composite Structures for Mitigation of Impact Damage and Resistance to Wear in Dynamic Environments

Application No. 10/005,084

Filed: December 4, 2001

Attorney Docket No. 003248.00038

1. Transmittal Form (in duplicate)
2. Fee Transmittal Form (in duplicate)
3. Response to Notice To File Missing Parts of Non-Provisional Application
4. Copy of Notice To File Missing Parts of Non-provisional Application
5. Executed Joint Declaration for Patent Application (4 pages)
6. Patent Assignment Recordation Coversheet (in duplicate)
7. Assignment (4 pages)
8. Return Receipt Postcard

BANNER & WITCOFF, LTD.
10 South Wacker Drive, Suite 3000
Chicago, Illinois 60606
Telephone: (312) 715-1000